

FIG. 1
Prior Art

DVD-Video

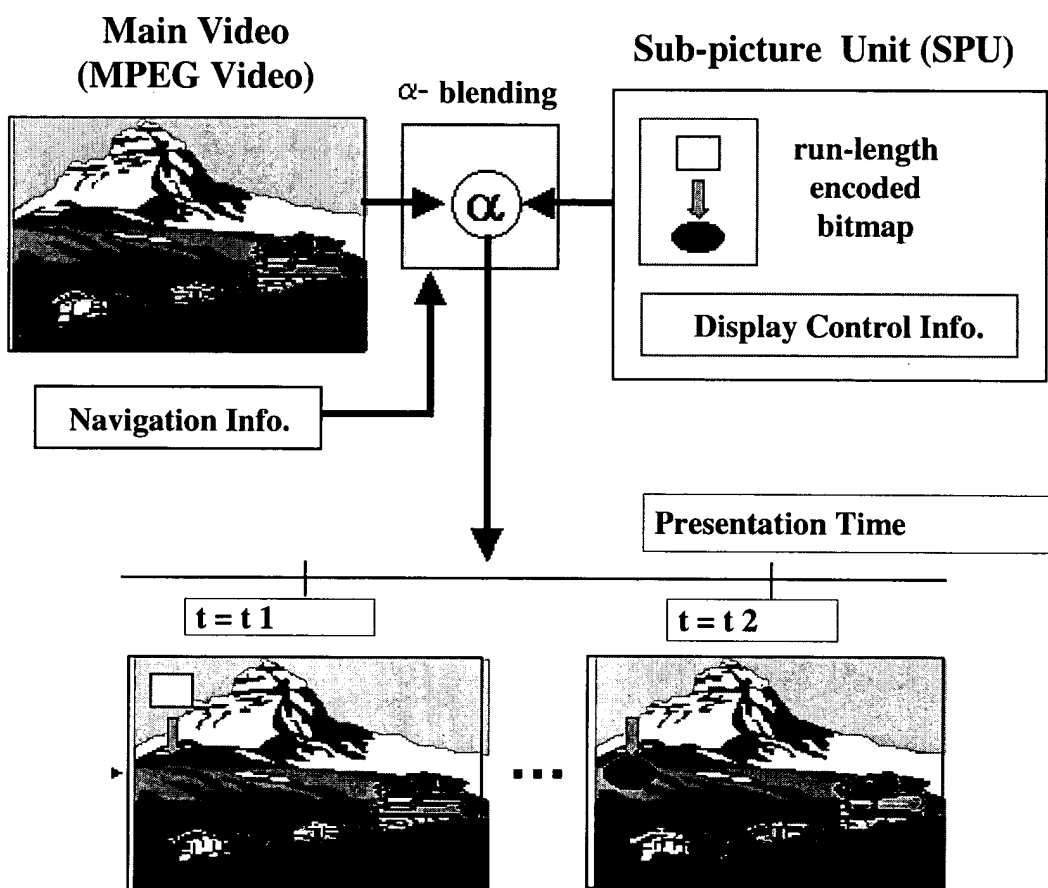


FIG. 2

Prior Art

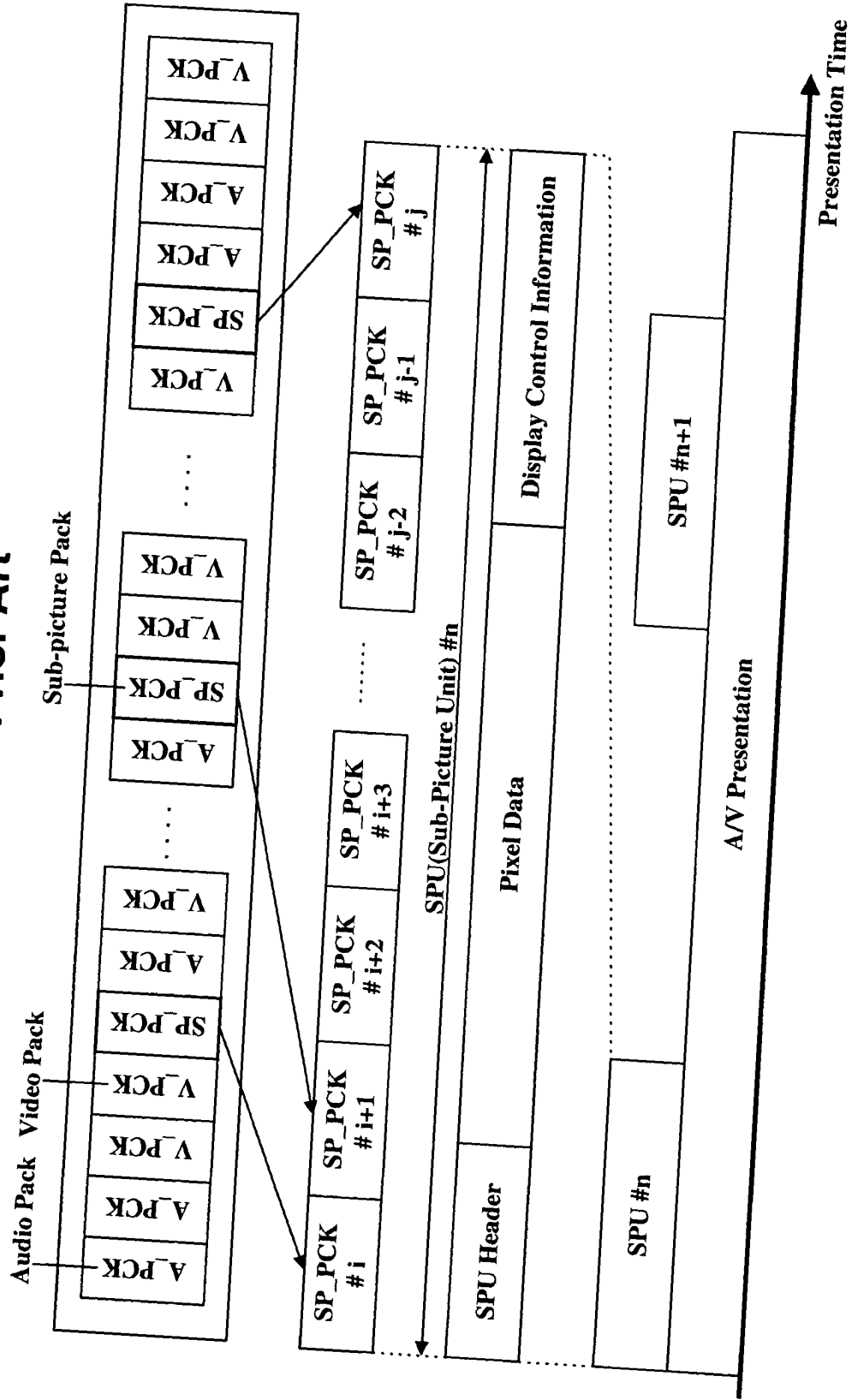


FIG. 3

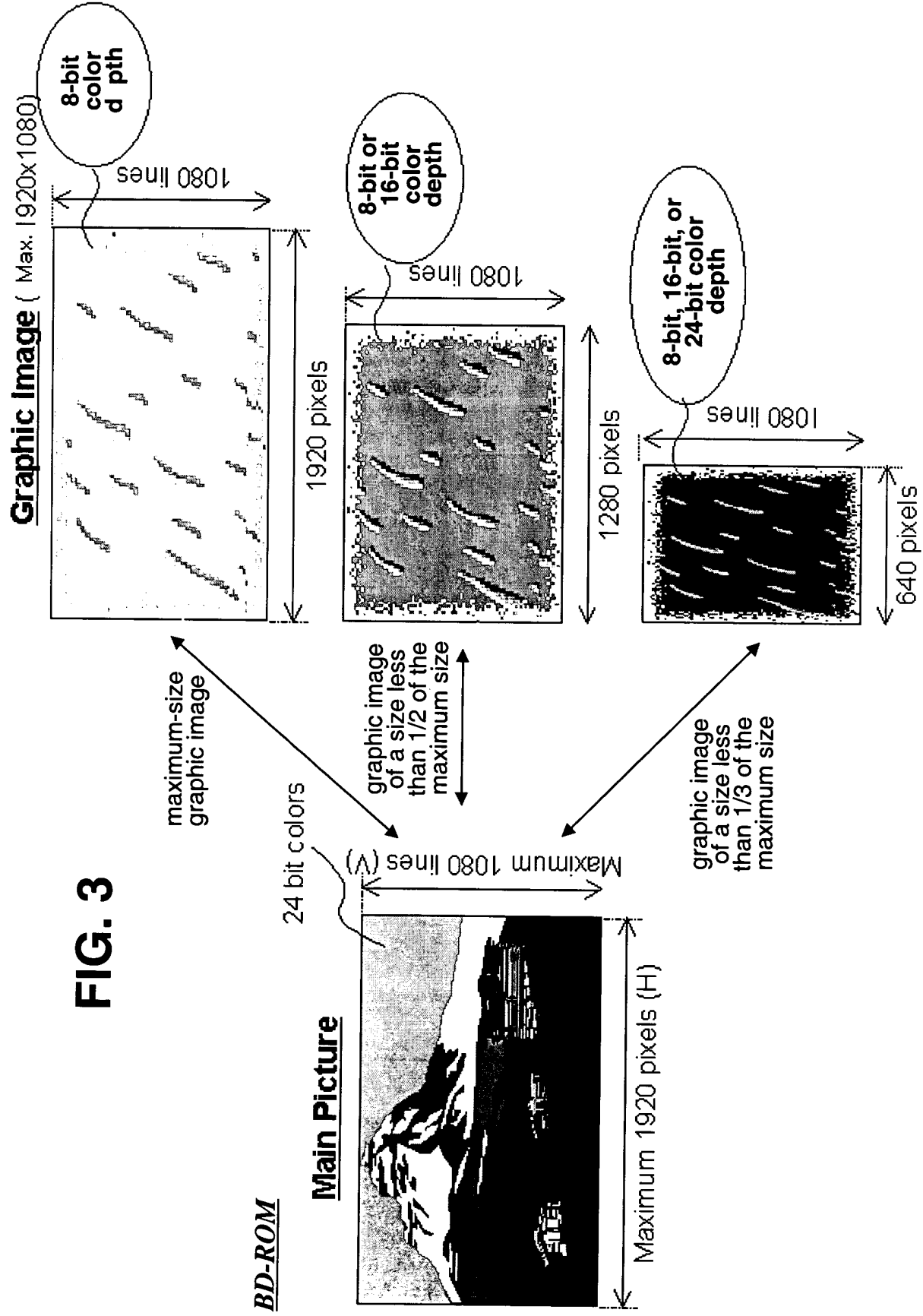


FIG. 4

BD-ROM

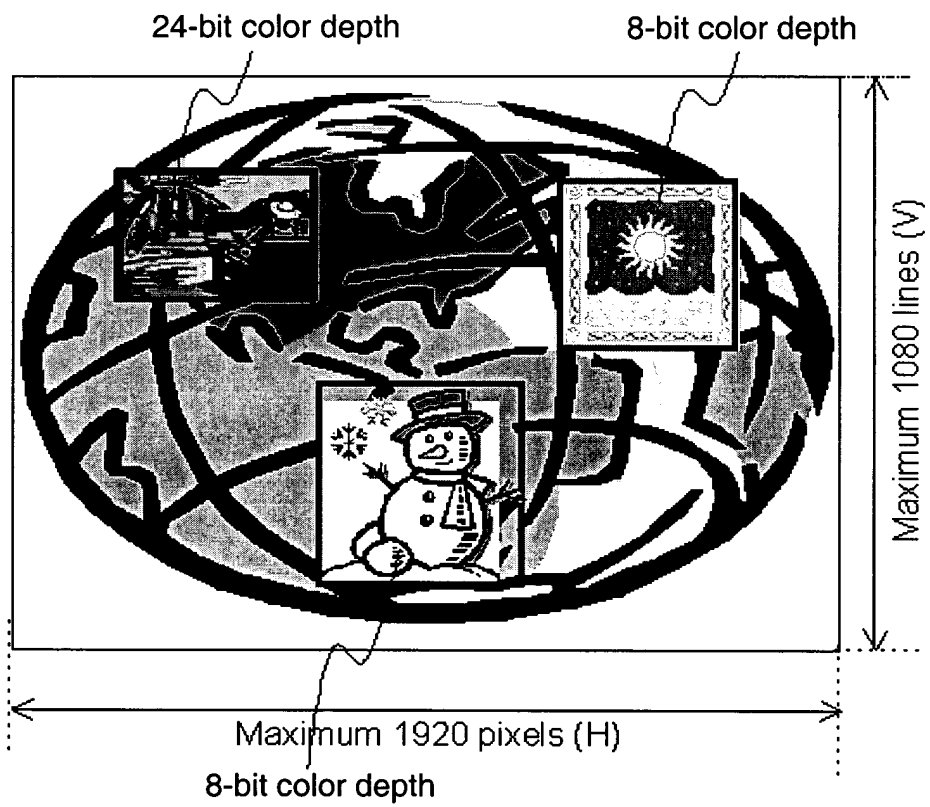


FIG. 5

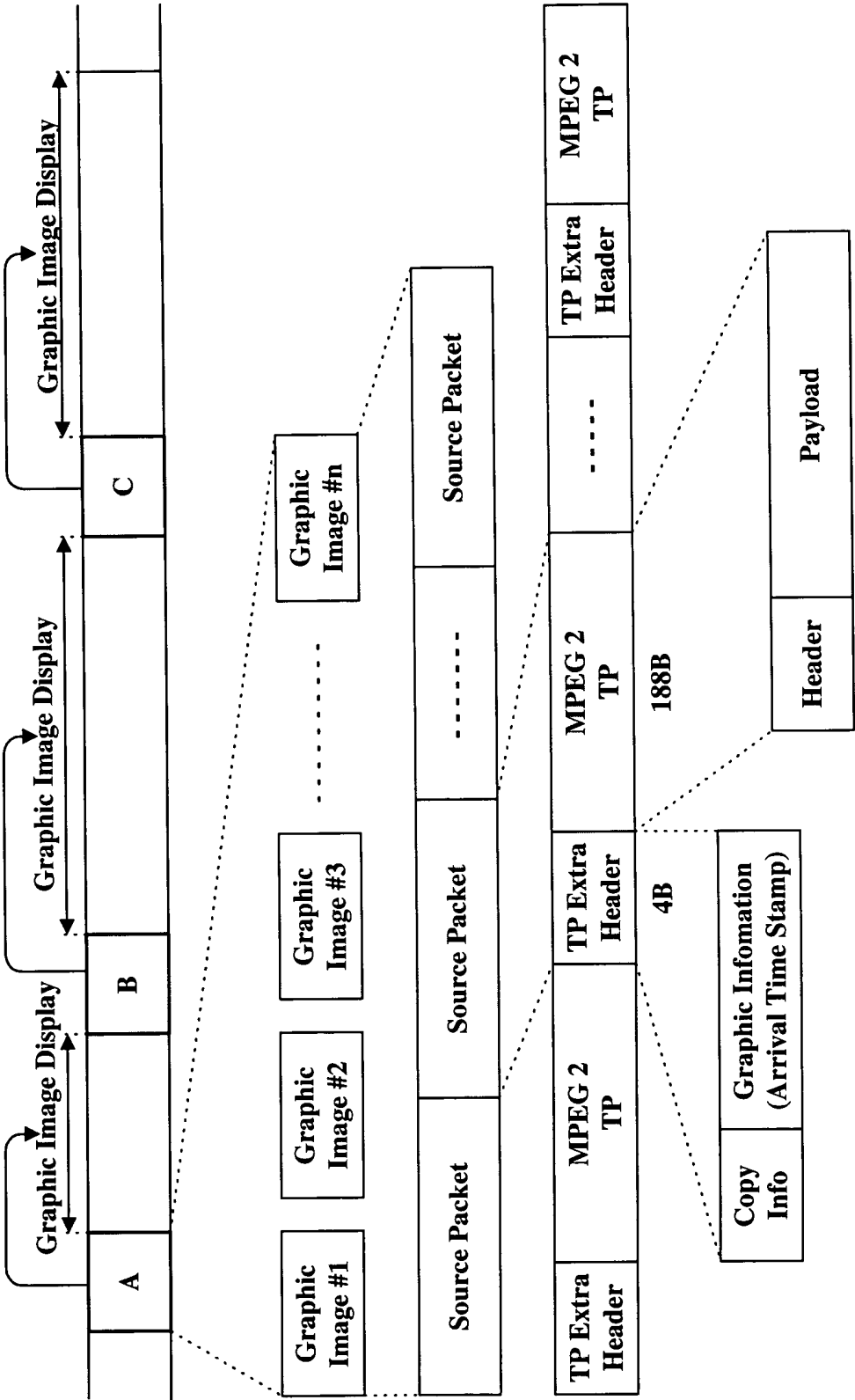


FIG. 6

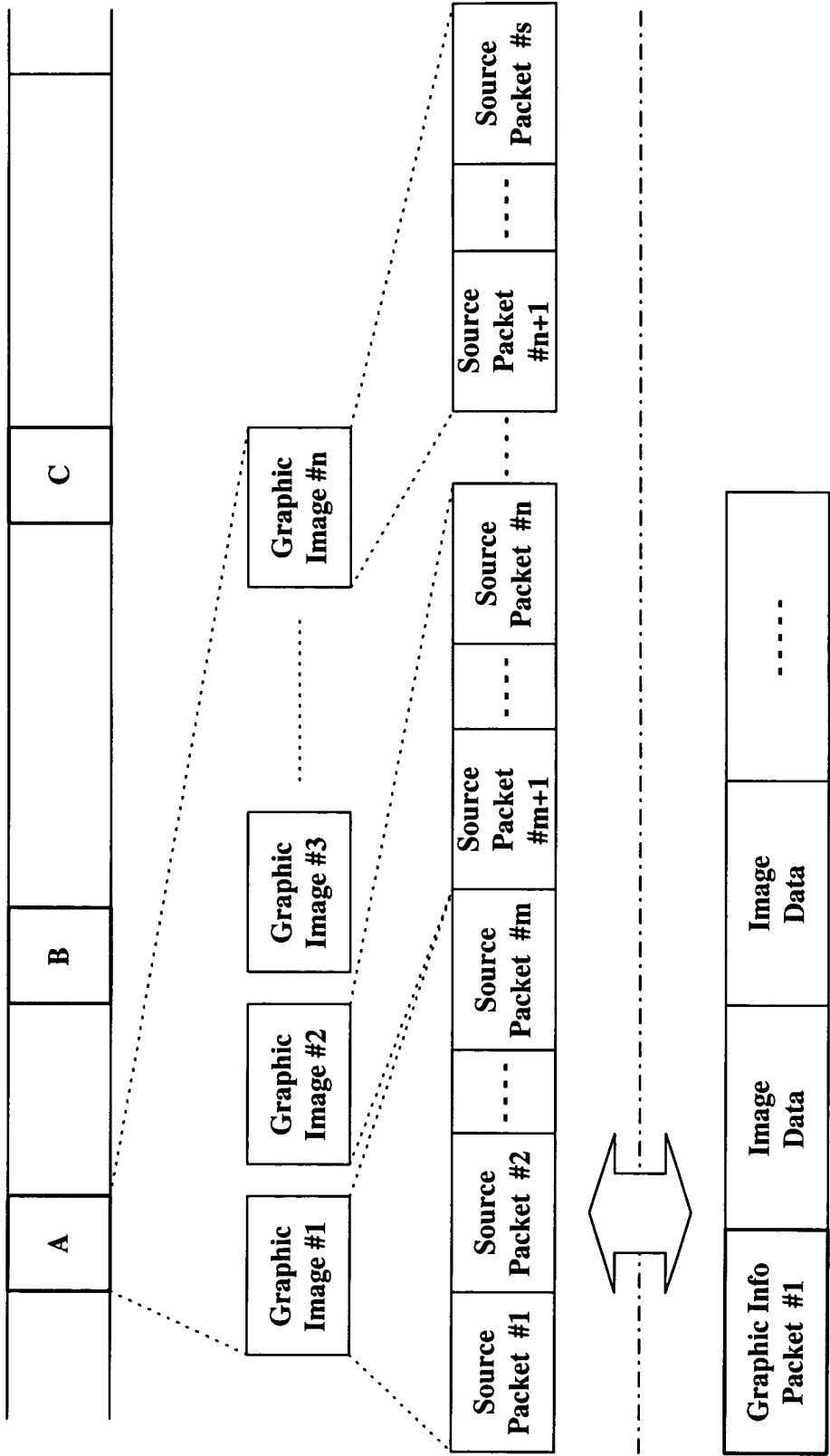


FIG. 7

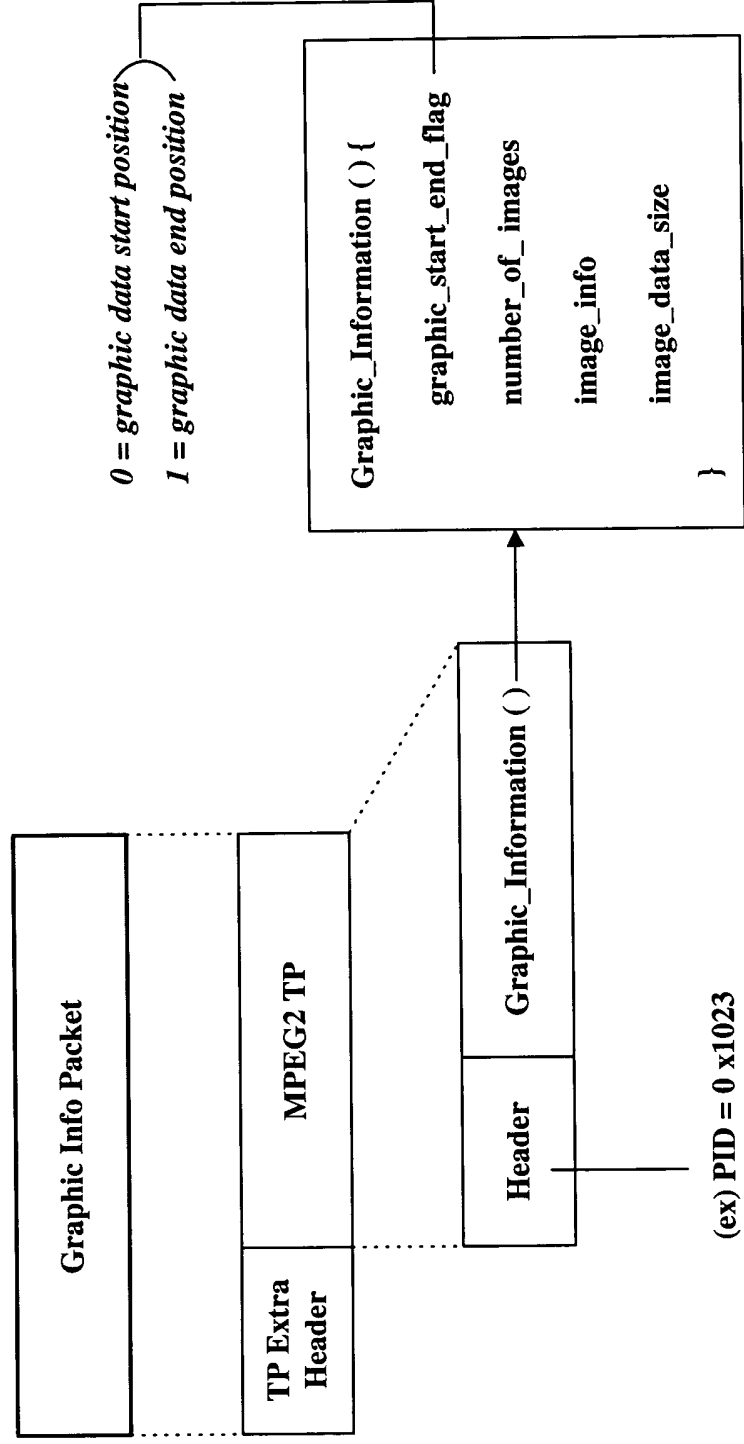


FIG. 8

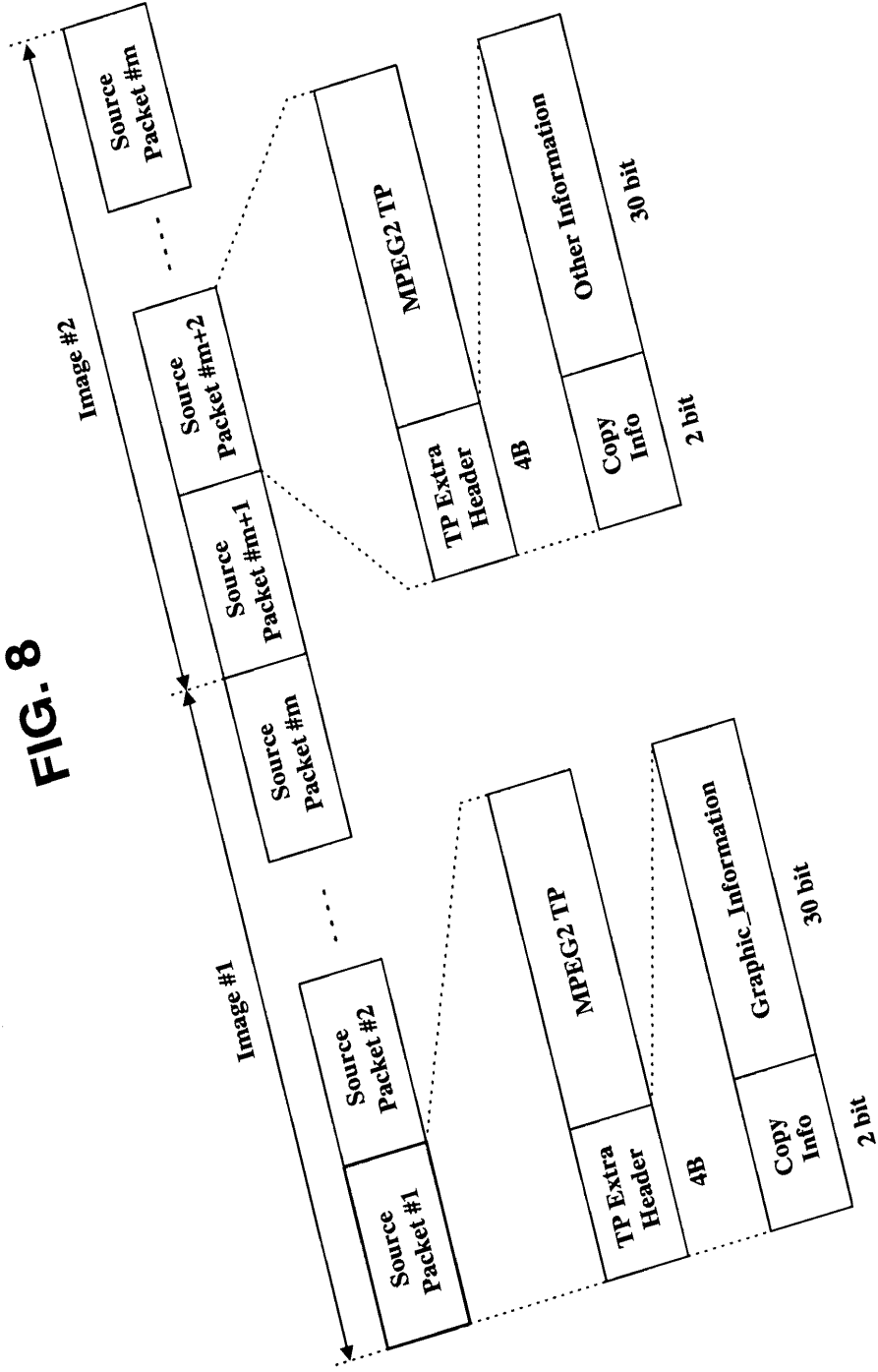


FIG. 9

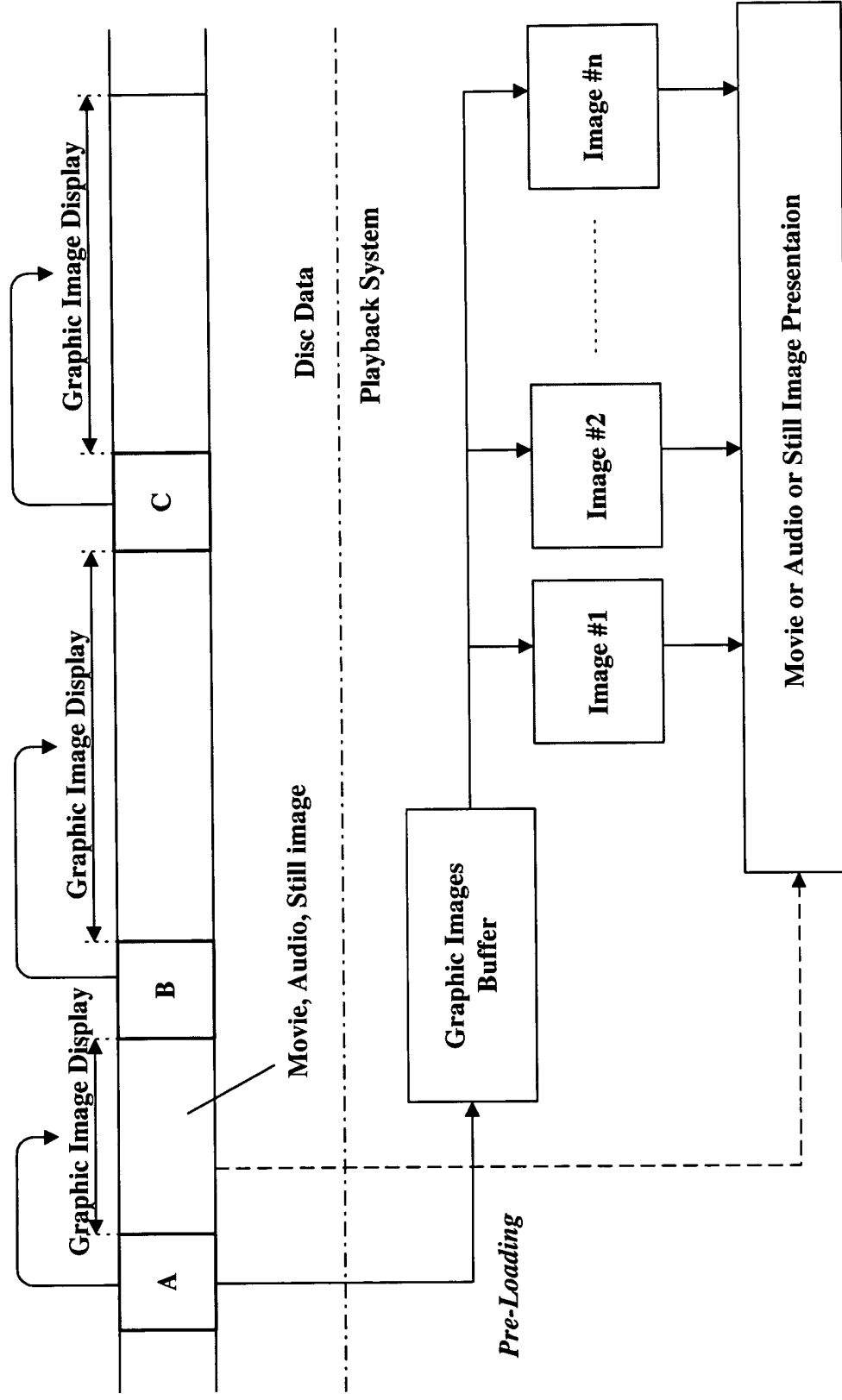


FIG. 10

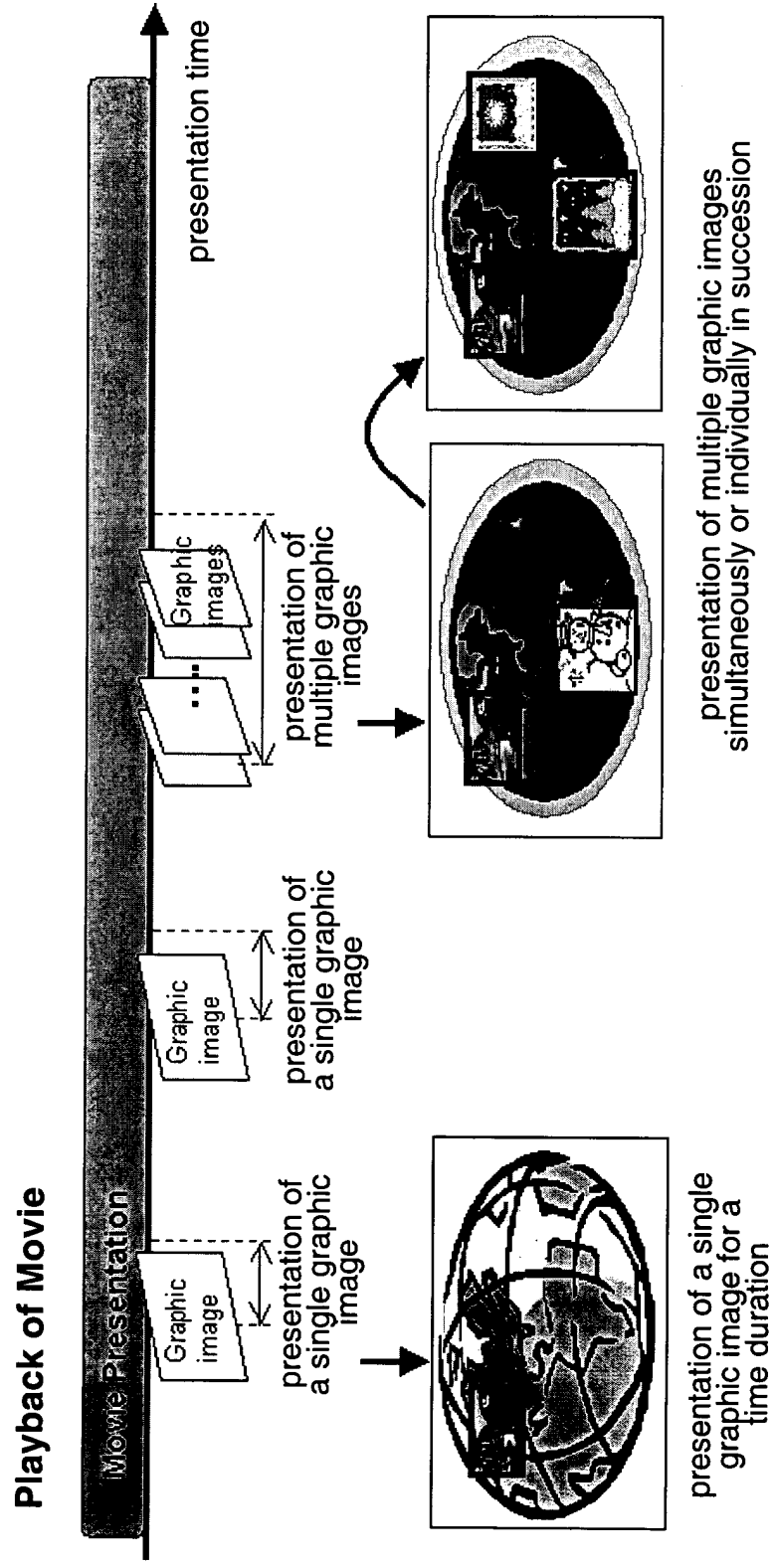


FIG. 11

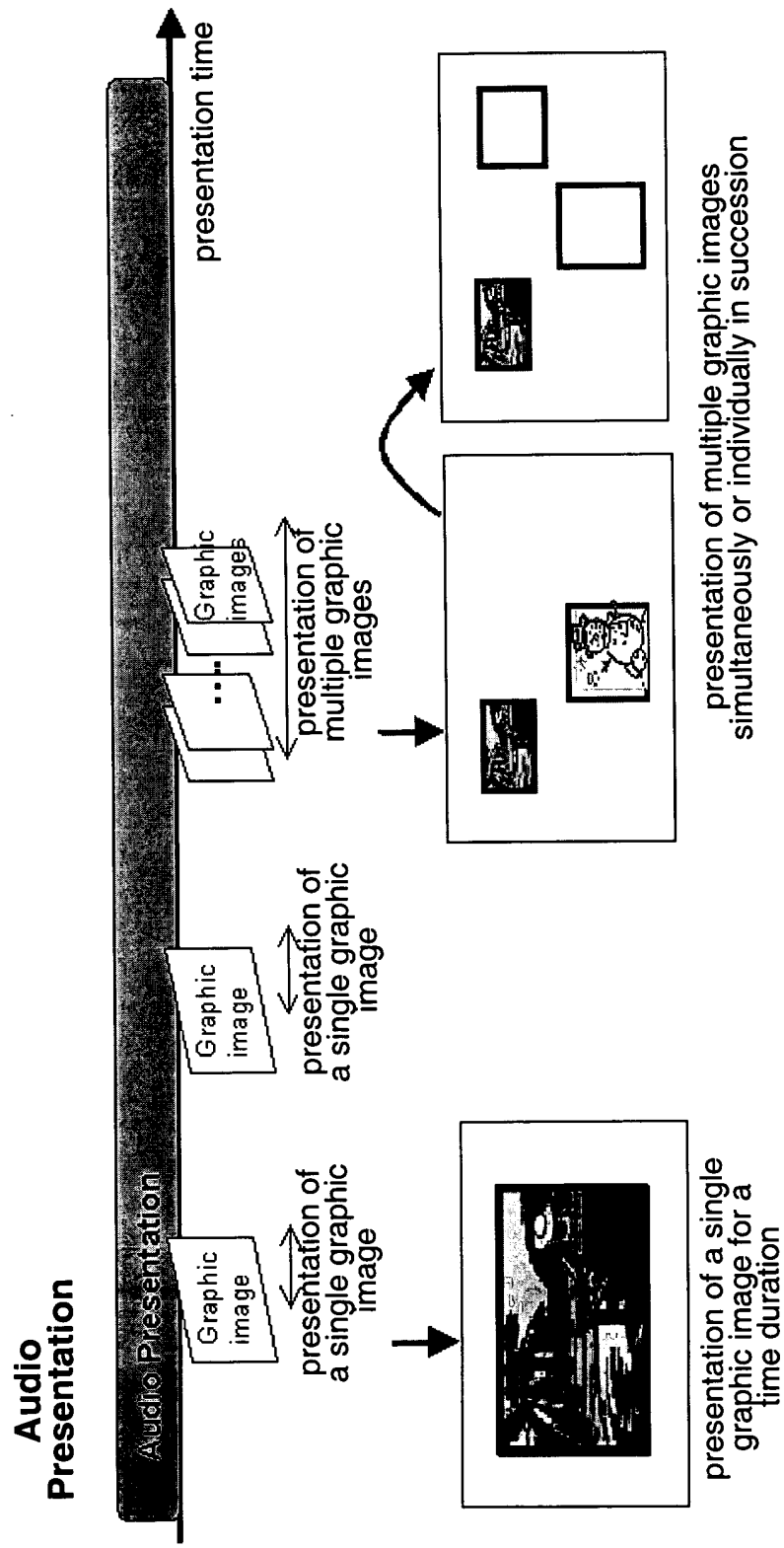


FIG. 12

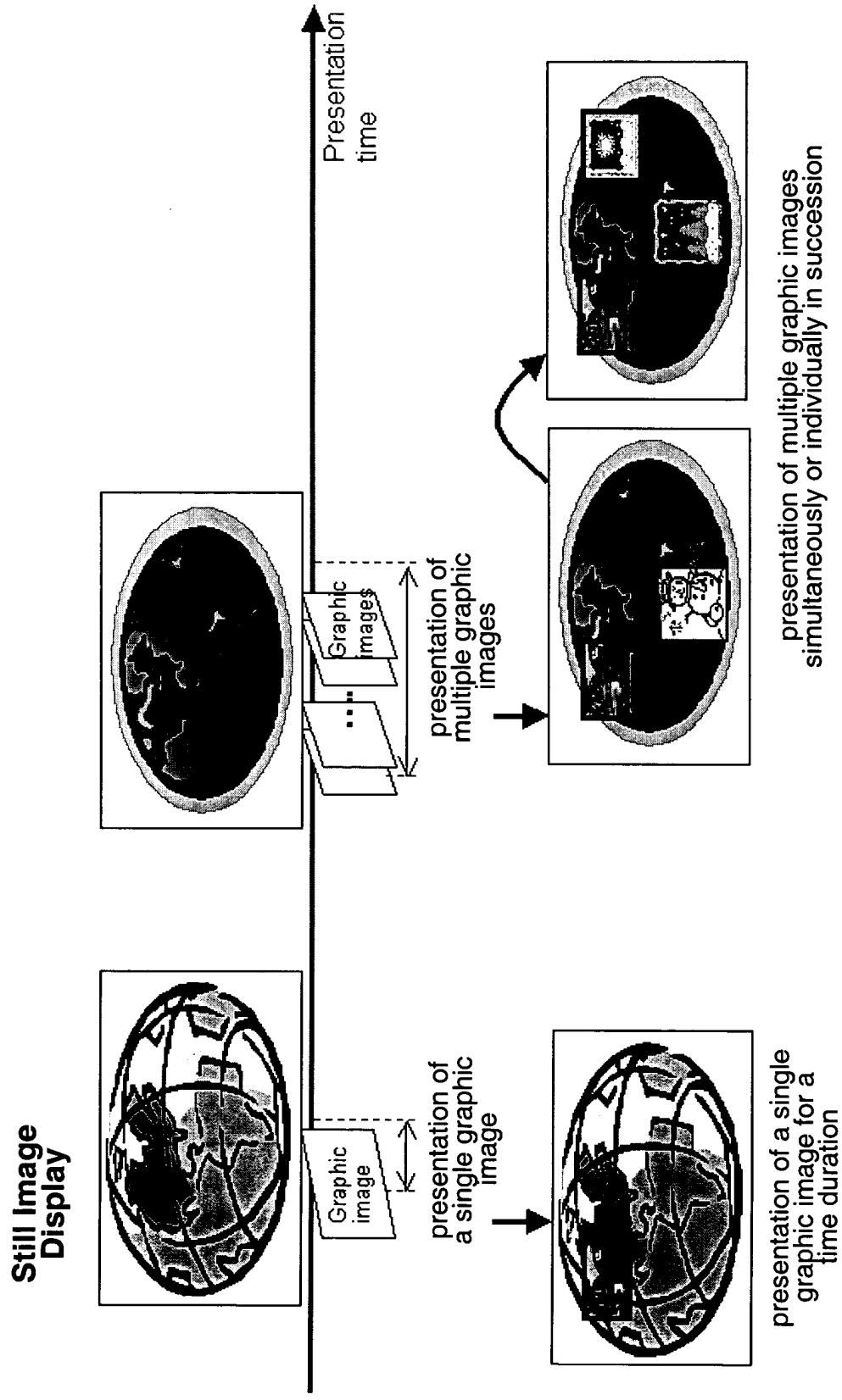


FIG. 13

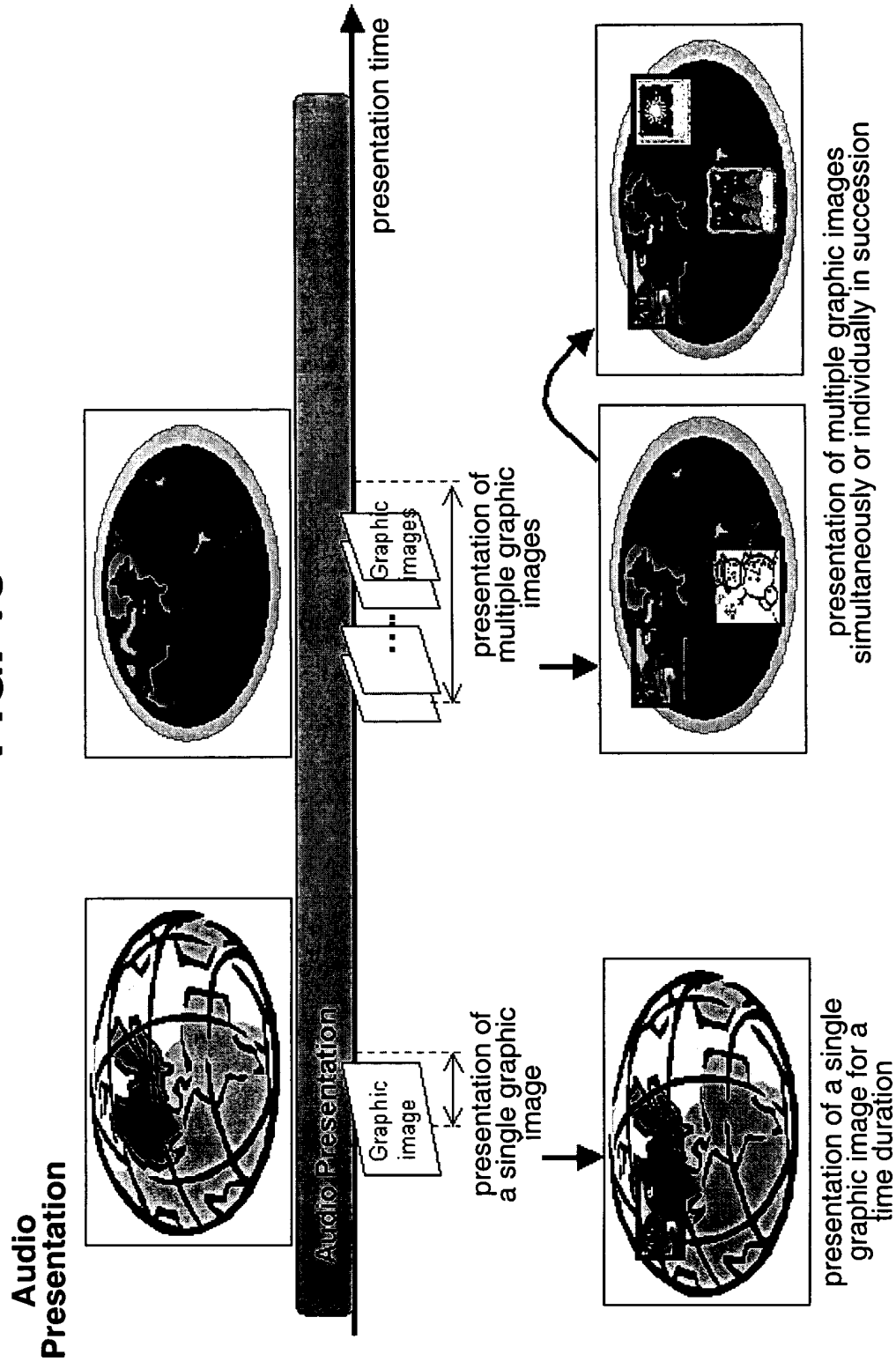


FIG. 14

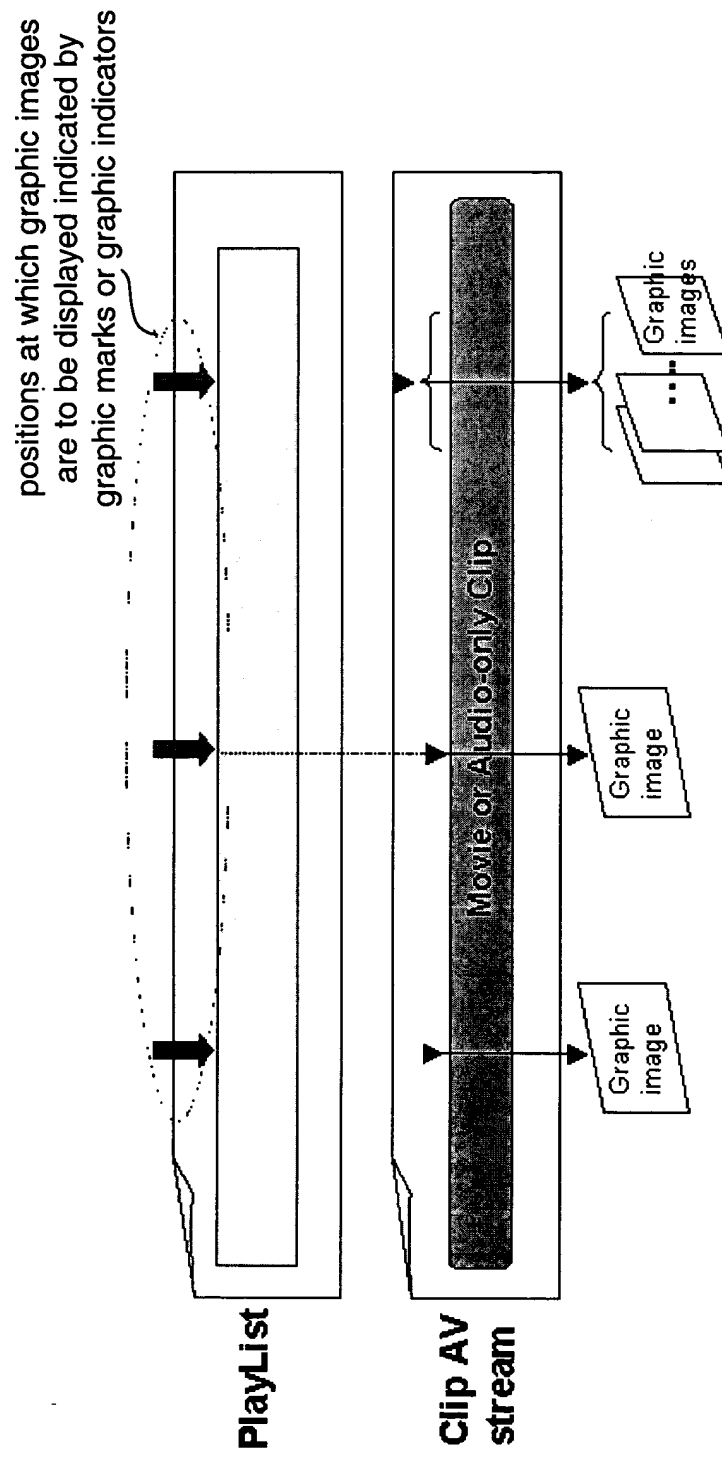


FIG. 15

```
PlayListMark() {  
    length  
    number_of_PlayList_marks  
    for (i=0; i<number_of_PlayList_marks; i++) {  
        .....  
        mark_type  
        .....  
        mark_time_stamp  
        if (mark_type==0x01 || mark_type==0x02)  
            ref_to_menu_thumbnail_index  
        else if (mark_type > 0x02 && mark_type < 0x06)  
            ref_to_mark_thumbnail_index  
        else  
            ref_to_graphic_start_index  
        duration  
        makers_information  
        mark_name  
    }  
    if (mark_type == 0x13) {  
        number_of_graphic_images  
        for (i=0; i<number_of_graphic_images; i++) {  
            ref_to_graphic_image_index  
            display_timing_info  
            display_info  
            display_effect  
        }  
    }  
}
```

FIG. 16

```
Playlist_File() {  
    .....  
    version_number  
    .....  
    Playlist()  
    PlaylistMark()  
    MakersPrivateData()  
    PlaylistGraphicIndicator()  
}
```

```
→ PlaylistGraphicIndicator() {  
    length  
    number_of_Graphic_Display_positions  
    for (id=0; id<number_of_Graphic_Display_positions; id++) {  
        .....  
        graphic_display_start_time_stamp  
        duration  
        number_of_graphic_images  
        for (i=0; i<number_of_graphic_images; i++) {  
            ref_to_graphic_image_index  
            display_timing_info  
            display_info  
            display_effect  
        }  
    }  
}
```


FIG. 17

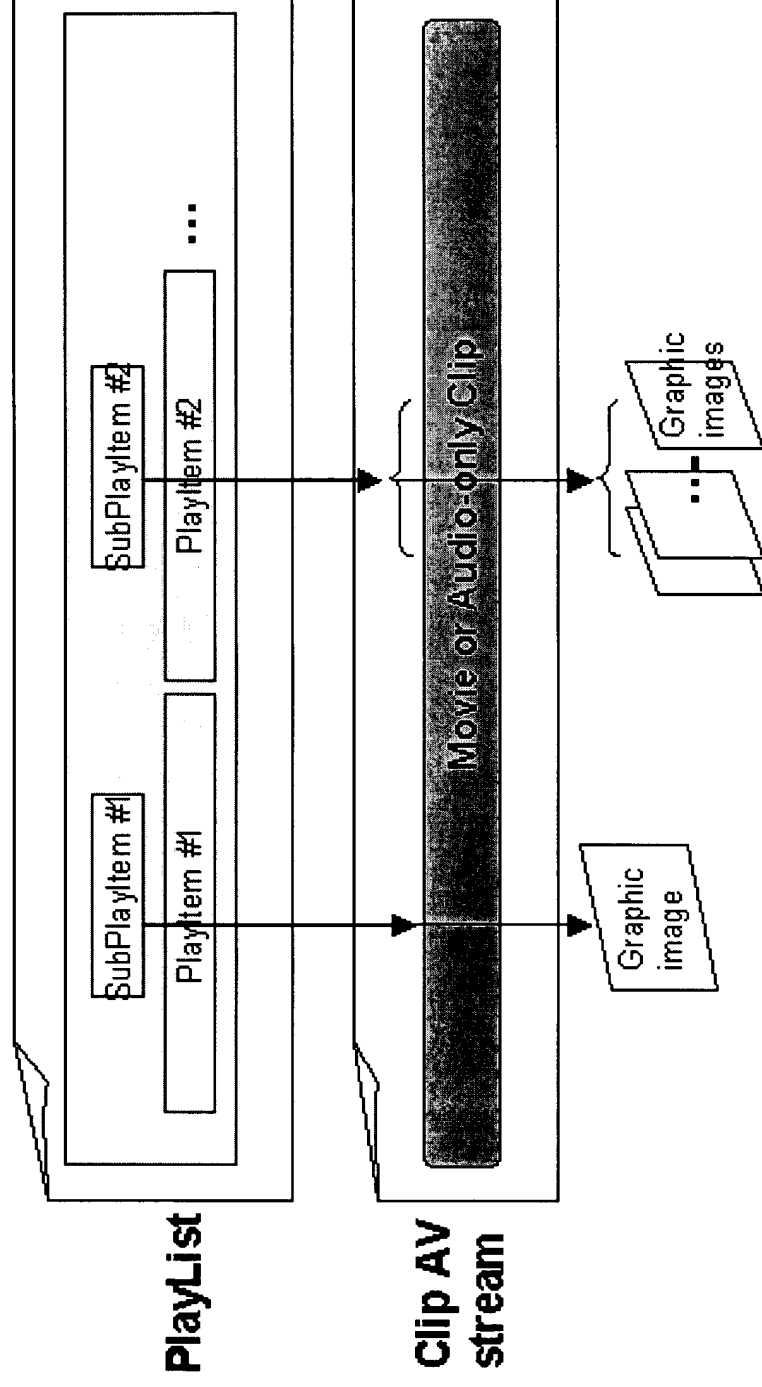


FIG. 18

```

SubPlayItem0 {
length
Clip_Information_file_name
Clip_codec_identifier
SubPlayItem_type
ref_to_STC_id
SubPlayItem_IN_time
SubPlayItem_OUT_time
sync_PlayItem_id
sync_start_PTS_of_PlayItem
if (<Graphic-Image>) {
    number_of_graphic_images
    for (i=0; i<number_of_graphic_images; i++) {
        ref_to_graphic_image_index
        display_timing_info
        display_info
        display_effect
    }
}
}

```

FIG. 19

```

Still_Image_Info 0 {
.....
Graphic_Display_Info ( )
.....
}

```

```

Graphic_Display_Infor0 {
length
number_of_graphic_images
for (i=0; i<number_of_graphic_images; i++) {
    ref_to_graphic_image_index
    display_timing_info
    display_info
    display_effect
}
}

```

FIG. 20

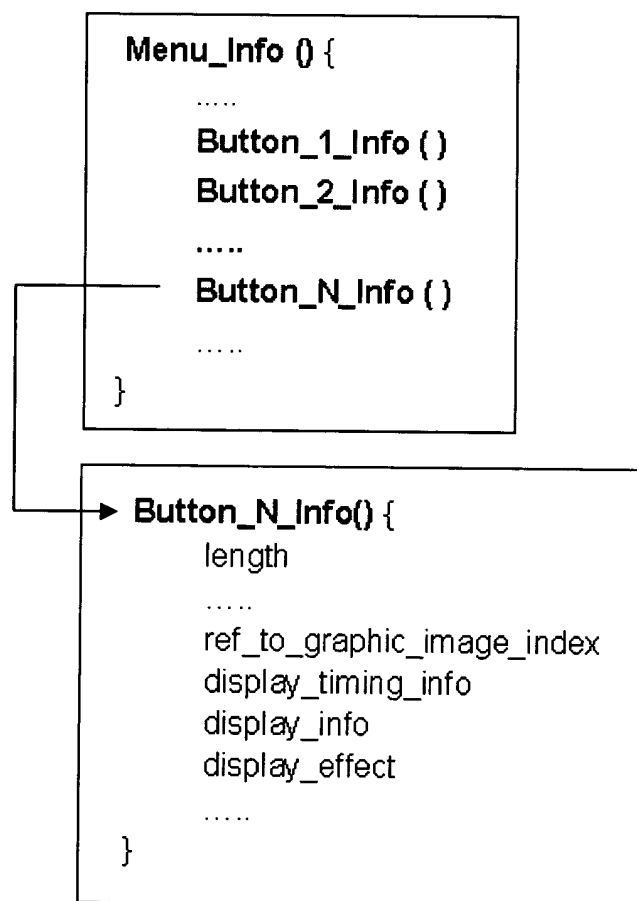


FIG. 21

